

MAXIMA Rainwater Processor Unit

- Hybrid control unit provides a pressurised system with an integral break tank
- Delivered as a fully assembled unit for simple plug-in installation
- Fully automatic operation
- Integral mains water top-up via compliant AA air gap
- Large 350-litre buffer storage
- Low noise, smooth running internal submersible pump
- Supplied complete with high-flow submersible transfer pump with integral float switch and floating suction filter
- Can be manually switched to mains water only
- Low maintenance, high reliability
- Tough polyethylene housing
- High quality construction, all fittings of brass or stainless steel

The *Maxima* Hybrid Rainwater Processor Unit from *Wisy*® AG has a number of distinct advantages over conventional systems. The main one being that its installation is so simple.

It is ideal for large domestic or smaller commercial properties, or for supplying several properties from one common storage tank; perfect for apartment blocks.

The main unit consists of a 350L chamber that acts as a 'buffer' vessel to hold a small store of water which is pumped on demand to WCs and other outlets. The chamber houses a multi-stage submersible pressure pump. The unit is a complete package with all controls built in and ready to operate.

The unit is supplied complete with a separate submersible pump for the rainwater storage tank. This transfer



pump is fitted with an integral float switch and floating suction filter. Controlled remotely by the *Maxima* unit, the transfer pump keeps the chamber supplied with rainwater. When rainwater is no longer available, then the *Maxima* chamber switches over to using wholesome water from the built-in mains top-up unit.

Available in two versions, with either 80 or 120 litres per minute pumping capacity, *Maxima* has been designed to enable a very quick and simple installation of the rainwater harvestign plant, with subsequent saving in labour costs. With a compact footprint of only 700mm diameter it is suitable for small plant rooms or can be housed in a cupboard.



Flexible System Design

Our comprehensive range of specialist items has been developed specifically for Rainwater Harvesting Systems. Because the range consists of separate components, it has exceptional flexibility.

These items are suitable for almost any system design, whether you're planning a system for a small house, school or large industrial or commercial premises.



We are founder members of the UK Rainwater Management Association.



We are the UK's sole agent and distributor of *Wisy* products for rainwater utilisation.

Maxima - Designed for Simplicity

Pump controller

The 'Zeta' pump controller provides automatic operation of the internal pump. The switch-on pressure is adjustable.

Control panel

The control panel has electrical connections for the transfer pump, the solenoid valve and the internal pump (via the 'Zeta' unit).

Isolating valve

The manual isolating valve on the mains water supply connection has an integral strainer to protect the solenoid valve from debris.

Solenoid valve / tundish arrangement

The mains water connection is fully assembled with 230v solenoid valve and stainless steel tundish provide type AA air gap

Overflow

High capacity emergency 100mm overflow connection.

Internal pressure pump

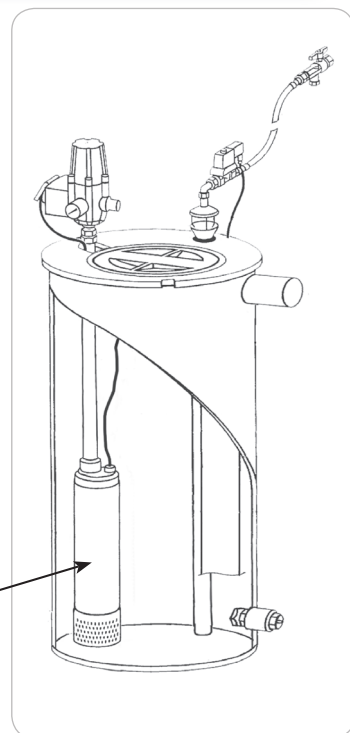
The multi-stage internal pump provides a pressurised supply to the points of use.

Drain valve

The 350-litre buffer storage can be easily and fully drained for service and maintenance.

Non return valve

1" brass non-return valve on the inlet connection from the transfer pump.



Transfer pump

The Maxima unit is supplied complete with a submersible transfer pump. Located in the rainwater storage tank, this supplies water on demand to the Maxima buffer vessel. When no rainwater is available, the integral float switch isolates this pump. The floating suction filter ensures no particles greater than 0.3mm can enter the system.

The transfer pump can deliver up to 12m head and 40m length. For greater distances, other pumps are available.



Provedo-Doc transfer pump with float switch and floating suction filter

Model	Max flow	Max head	Wholesome water inlet	Storage chamber height	Overall height inc. controller	Maxima unit diameter
205	80 l/min.	48m	1/2"	1225mm	1530mm	700mm
407	120 l/min.	49m	3/4"			

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